



# Michigan Crop Weather

## Temperatures Near Normal

## Fruit

Five days were suitable for fieldwork during the week ending June 29, according to the USDA, NASS, Michigan Field Office. Precipitation varied from 0.37 inches in the west central Lower Peninsula to 1.88 inches in the eastern Upper Peninsula. Average temperatures ranged from 1 degree below normal in the west central and southwestern Lower Peninsula to 2 degrees above normal in the western and eastern Upper Peninsula, and the northwestern and northeastern Lower Peninsula. Growing conditions were good this past week with the seasonably warm weather. Precipitation was scattered, leaving some farmers needing rain and others in need of drier days. “At the moment crops are doing well, but we have not had rain to charge the subsoil moisture,” a farmer in the central Lower Peninsula stated. “Isolated thunderstorms continue to create afternoon rains which are very heavy in one area and nonexistent in others. There were some very heavy rains on Friday which left standing water in many fields,” a farmer in the Thumb region reported.

**Apples** grew to 1.5 inches in diameter in the southwest, where apple scab symptoms were found. Apples in the northwest were 24 mm and 1.375 inches in diameter in the southeast. **Apricots** grew to 2.5 inches in the southwest and 28 mm in the northwest. **Blueberries** grew to 16 mm in the southeast. Blueberries sized well in the Grand Rapids area and began to color in the southwest. **Peaches** were 1.5 inches in diameter in the southwest and the southeast; hand thinning continued. **Pears** grew to 1 inch and 22 mm in the southwest and northwest, respectively. In the southeast, the largest fruit grew to 1.25 inches in diameter. **Plums** grew to 1 inch in the southwest and southeast, 22 mm in the west central, and 20 mm in the northwest. In the southeast, harvest of early **sweet cherry** varieties was underway. In the northwest, sweet cherries grew to 16 mm. **Tart cherries** grew to 16 mm in the southeast, as fruit continued to drop and cherry leaf spot symptoms were found. **Strawberry** harvest began in the northwest and ended in the southwest. In the southwest, **grapes** were BB-sized as berry shatter continued.

## Field Crops

## Vegetables

Seasonably warm weather hastened crop progress across the State. **Corn** looked good and was progressing favorably this past week. Most fields were at the 7 to 10 leaf stage, and grew 6 to 8 inches from the previous week. **Soybeans** stands varied in condition. Some were very good, while there have been reports that others have been reduced by excess moisture. Many fields were still waiting on herbicide applications. **Winter wheat** was developing well and was turning color quickly. Many farmers reported that harvest was expected to begin in about 2 weeks. Fusarium head scab will need continued monitoring. Some farmers were fighting the weather to get the first cutting of **alfalfa** baled. Regrowth of early harvested fields looked good, with a second cutting just getting underway. **Dry bean** planting advanced very rapidly this week, and plants were emerging quickly. **Oats** were looking good but very few have turned color at this time. **Barley** was in good condition. **Sugarbeets** were doing well and were filling rows.

The damage from heavy rains three weeks ago has taken a toll on some fields and growers were noticing the effects. **Celery** planting continued on schedule, and a few farmers finished planting. Some farmers anticipate losses for the July harvest but later celery looks better. **Watermelons** and **cantaloups** looked good, but growth has been slow due to cool temperatures. **Squash** and **zucchini** harvest continued from tunneled plantings. There were reports of pollination problems in some fields. **Asparagus** harvest was expected to be complete by the end of this week. **Peppers** and **tomatoes** were growing well in the southwest with no serious disease or insect pressure. **Onions** were quite variable with healthy and water-stressed fields growing near each other. In some cases, the plants have not developed enough leaf tissue to support good bulb development. **Cucumbers** emerged normally except where they were planted on heavy soils and needed to be replanted. Harvest of processing **peas** was completed in the west central. Planting of **snap beans** was delayed about a week but was in full swing. The **potato** crop was in excellent condition with some new potatoes due at farmers markets. **Cabbage** heads were forming and continued to be harvested in early planted fields. **Sweet corn** progressed well and corn borer numbers were holding steady at relatively low levels.

Soil moisture for week ending 06/29/08

Stratum	Very short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent

Michigan Weather Summary for Week Ending 06/29/08 <sup>1</sup>

Station	Temperature			Cumulative growing degree days <sup>2</sup>			Precipitation					
	Maximum	Minimum	Departure from normal	2008	2007	Normal	This week	Last two weeks	Last four weeks	Since April 1	Normal	
											Since April 1	For month
Ironwood	84	45		579	908		0.75	0.86	2.27	9.23		
Marquette	84	48		542	852		1.01	1.26	3.28	10.48		
Stephenson	87	47		760	955		0.51	0.57	1.19	9.65		
Western UP	87	42	2	613	882	660	0.78	0.90	2.51	9.30	9.14	3.61
Cornell	81	45		642	862		1.74	2.06	3.21	10.14		
Sault St Marie	81	45		542	813		0.57	0.80	2.38	8.59		
Eastern UP	85	39	2	550	810	517	1.88	2.31	3.55	9.55	8.54	3.26
Beulah	84	49		828	988		0.57	0.69	6.29	13.84		
Lake City	85	48		816	921		0.50	0.83	10.66	15.50		
Old Mission	86	48		770	926		0.26	0.42	3.15	8.82		
Pellston	85	45		753	926		0.58	1.21	3.41	9.79		
Northwest	86	45	2	759	917	772	0.43	0.74	5.26	11.42	8.19	3.03
Alpena	86	50		782	938		1.56	2.09	4.71	8.67		
Houghton Lake	86	50		844	967		0.78	1.18	9.20	12.73		
Rogers City	85	48		794	944		0.88	1.39	5.36	9.94		
Northeast	87	43	2	814	952	734	1.08	1.64	6.09	10.33	8.05	2.90
Fremont	86	48		917	1,074		0.20	0.20	4.25	9.40		
Hart	83	46		868	1,006		0.45	0.48	3.95	10.35		
Muskegon	84	48		870	1,073		0.32	0.35	4.05	8.55		
West Central	86	46	-1	874	1,037	865	0.37	0.39	5.30	10.88	8.66	2.94
Alma	88	54		972	1,141		0.55	1.09	3.86	7.37		
Big Rapids	87	48		939	1,000		1.34	1.44	3.93	8.31		
Central	88	48	1	949	1,071	920	0.79	1.00	3.54	7.28	9.07	3.36
Bad Axe	88	54		930	1,007		1.82	2.36	5.44	9.15		
Pigeon	87	50		900	991		1.62	2.17	4.01	7.07		
Saginaw	88	53		1,020	1,137		2.77	3.04	5.65	8.83		
Standish	87	51		879	1,008		1.18	1.75	4.59	8.39		
East Central	88	50	1	910	1,038	898	1.42	1.97	4.66	8.10	8.12	3.08
Fennville	84	50		903	1,075		1.83	2.11	9.11	14.48		
Grand Rapids	87	52		1,070	1,211		1.20	1.20	5.43	11.04		
Holland	86	54		1,056	1,205		0.87	0.95	7.42	12.09		
South Bend, IN	87	48		1,123	1,313		0.51	0.58	2.79	8.00		
Watervliet	85	52		1,014	1,189		0.73	0.91	4.48	9.95		
Southwest	88	47	-1	1,100	1,178	986	0.84	1.02	5.42	11.01	9.79	3.55
Belding	85	51		953	1,078		0.43	0.43	2.76	7.44		
Coldwater	84	53		1,044	1,110		0.87	1.41	3.52	7.48		
Lansing	89	53		1,054	1,138		1.42	1.48	4.89	8.31		
South Central	90	51	0	1,018	1,140	988	0.81	0.99	4.23	8.13	9.50	3.57
Detroit	88	56		1,152	1,234		1.10	1.48	4.06	6.92		
Flint	91	50		1,096	1,124		0.84	1.03	4.16	7.29		
Romeo	88	54		1,001	1,070		1.30	1.56	3.89	7.31		
Tipton	88	53		1,053	1,128		2.59	2.97	5.89	8.90		
Toledo, OH	87	54		1,126	1,239		2.42	2.70	5.35	9.48		
Southeast	91	48	0	1,053	1,148	955	1.35	1.70	5.01	8.60	9.28	3.36

<sup>1</sup> Issued by the USDA, NASS, Michigan Field Office in cooperation with the U.S. Department of Commerce, Michigan State University's Cooperative Extension Service, Agricultural Meteorologist, Department of Geography, and Crop Advisory Team ALERTS.

<sup>2</sup> Growing degree days (GDD) is the sum of daily mean temperatures minus 50 per day, 86 maximum and 50 minimum. The GDD is accumulative from April 1.

USDA, NASS, Michigan Field Office  
P.O. Box 26248  
Lansing, Michigan 48909-6248  
(517) 324-5300 FAX (517) 324-5299  
E-mail: [nass-mi@nass.usda.gov](mailto:nass-mi@nass.usda.gov)